

## FIGURE 1

47 kDa protein sequence, noon Apr 15, 2003

MW 45936.94 average, 421 aa, 93 % sequence coverage (confirmed residues indicated in red). @S indicates acetylation of the N-terminal serine residue (yielding a mass change +42.011 Da)

1 @SDNGPQSNQR SAPRITFGGP TDSTDNNQNQNG GRNGCARPKQR RPQGLFPNNTA SWFTALTQHGS  
61 KEELRFPRGQ GVPIINTNSGP DDQIGYYRRA TRRVRRGGDGK **MKEILSPRWWF** YYLGTGPEAS  
121 LPYGANKEGI VVVATEGALN TPKDHTIGTRN PNNNAATVLQ LPQGTTLPKG FYAEGSRGGSS  
181 QASSRSSRS RGNSRNSTPG SSRGNNSPARM ASGGGETALA LLLDRLNQL ESKVSGKGQQ  
241 QQGQTVTKKS AAEASKKKPRQ KRTATKQYNV TQAFGRRRGPE QTQGNFGDQD LIRQGTIDYKH  
301 WPQIAQFAPS ASAFFGMSRI GMEEVTPSGTW LTYHGAIKLD DKDPQEKFDDN V ILLNKHIDAY  
361 KTFPPTEPKK DKKKKTDEAQ PLPQRQKKQP TVTLLPAADM DDFSRQLQNS MSGASADSTQ  
421 A

## FIGURE 2

SARS protein 139 kDa

FIFLLFL TLTSGSDLDR CTTFDDVQAP NYTQHTSSMR GVYPDEIFR SDTLYLTQDL  
FLPFYSNVTG FHTINHTFGN PVIPIFKDGIY FAATEKSNVV RGWVFGSTMN NKSQS VIIIN  
NSTNVVIRAC NFELCDNPFF AVSKPMGTQT HTMIFDNAFN CTFEYISDAE SLDVSEKSGN  
FKHLREFVFK NKGDFLYVYK GYQPIDVVRD LPSGFNTLKP IFLKLPLGINI TNFRAILTAF  
SPAQDIWGTS AAAYFVGYLK PTTFMLKYDE NGTITDAVDC SQNPLAELKC SVKSFEIDKG  
IYQTSNFRVV PSGDVVRFPN ITNLCPFGEV FNATKFPSVY AWERKKISNC VADYSVLYNS  
TFFSTFKCYG VSATKLNDLC FSНЫYADSFV VKGDDVRQIA PGQTGVIADY NYKLPDDFMG  
CVLAWNTRNI DATSTGNYY KYRYLRHGKL RPFERDISNV PFSPDGKPCT PPALNCYWPL  
NDYGFYTTG IGYQPYRVVV LSFELLNAPA TVCGPKLSTD LIKNQCVNFN FNGLTGTGVL  
TPSSKRFQPF QQFGRDVSDF TDSVRDPKTS EILDISPCAF GGVSVITPGT NASSEAVAVLY  
QDVNCTDVST AIHADQLTPA WRIYSTGNNV FQTQAGCLIG AEHVDTSYEC DIPIGAGICA  
SYHTVSLLRS TSQKSIVAYT MSLGADSSIA YSNNTIAIPT NFSISITTEV MPVSMAKTSV  
DCNMYICGDS TECANLLLQY GSFCQLNRA LSGIAAEQDR NTREVFAQVK QMYKTPTLK  
FGGFNFSQL PDPLKPTKRS FIEDLLFNKV TLADAGFMKQ YGECLGDINA RDLICAQKFN  
GLTVLPPLLT DDMIAAYTAA LVSGTATAGW TFGAGAALQI PFAMQMAYRF NGIGVTQNVL  
YENQKQIANQ FNKAISQIQE SLTTTSTALG KLQDVVNQNA QALNTLVKQL SSNFGAISSV  
LNDILSRLDK VEAEVQIDRL ITGRLQSLQT YVTQQLIRAA EIRASANLAA TKMSECVLGQ  
SKRVDFCGKG YHLMSPQAA PHGVVFLHVT YVPSQERNFT TAPAICHEGK AYFPREGVFV  
FNGTSWFITQ RNFFSPQIIT TDNTFVSGNC DVVIGIINNT VYDPLQPELD SFKEELDKYF  
KNHTSPDVLD GDISGINASV VNIQKEIDRL NEVAKNLNES LIDLQELGKY EQYIKWPWYV  
WLGFIAGLIA IVMVITLECC MTSCCSCLKG ACSCGSCCKF DEDDSEPVLK GVKLHYT

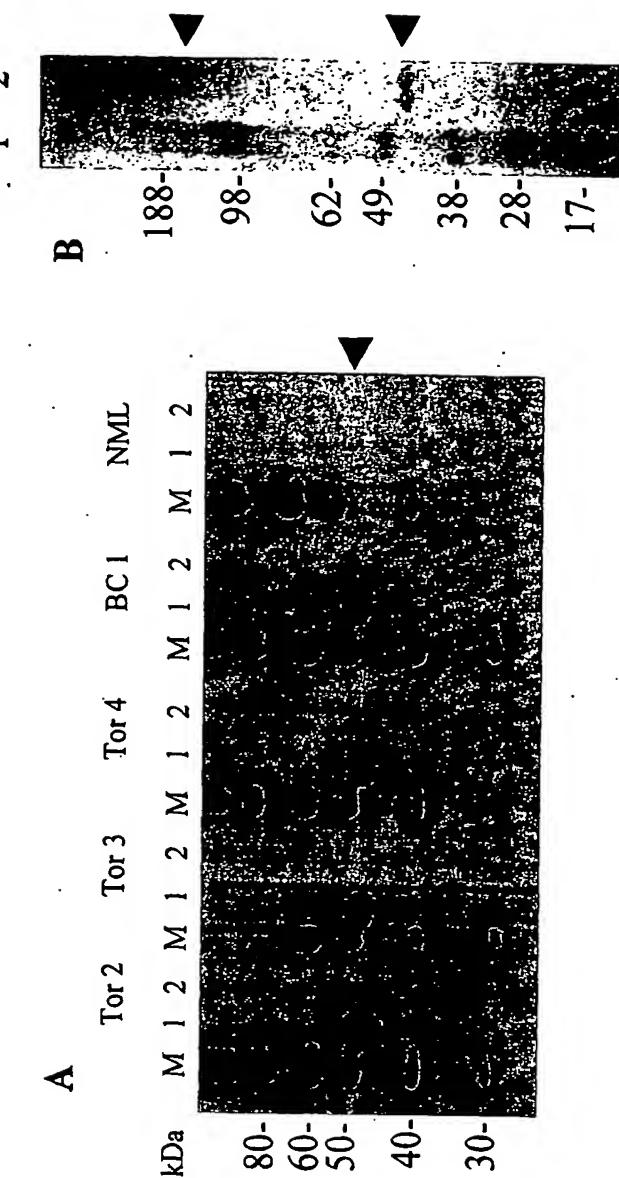


FIGURE 3

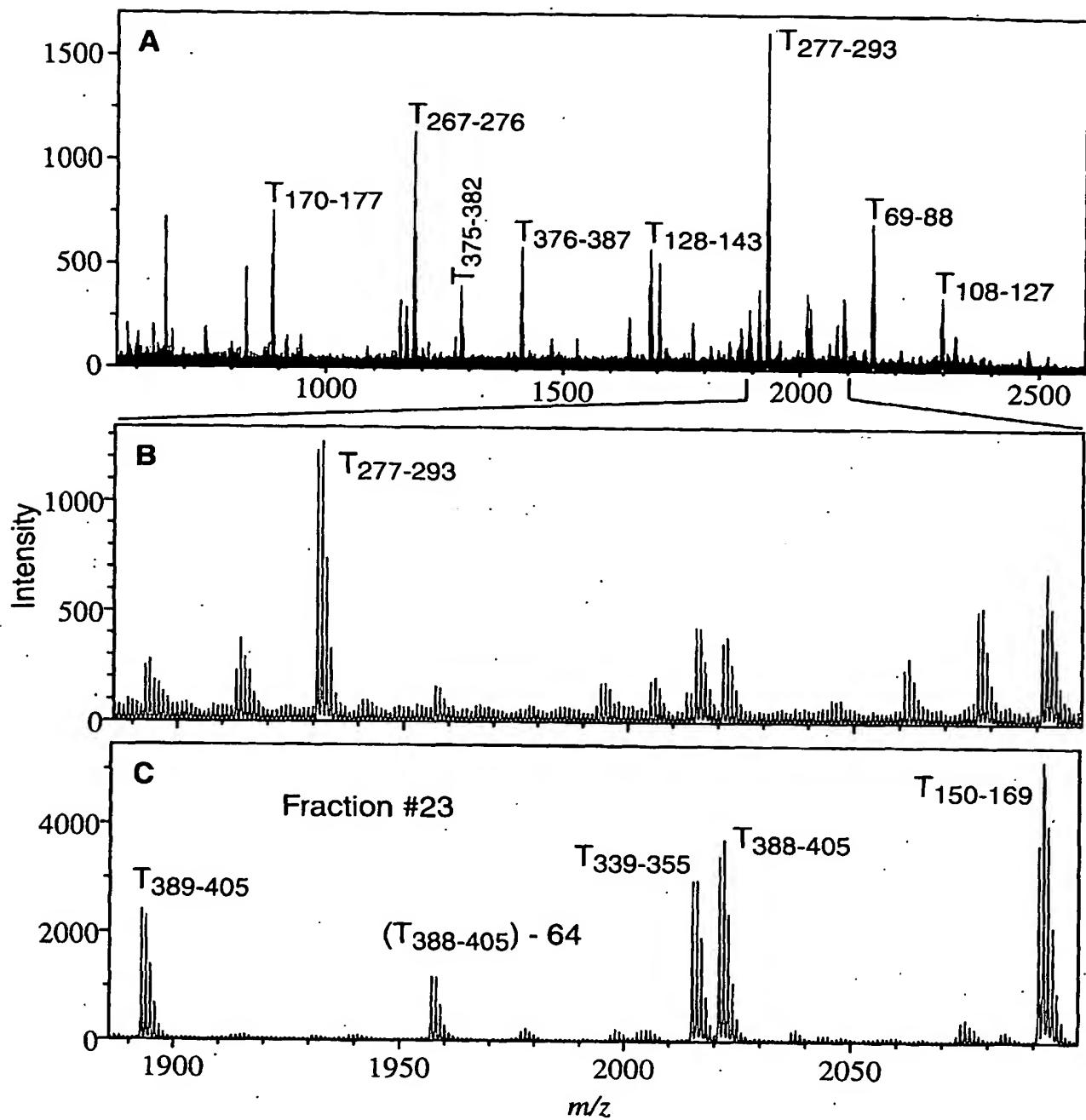


FIGURE 4

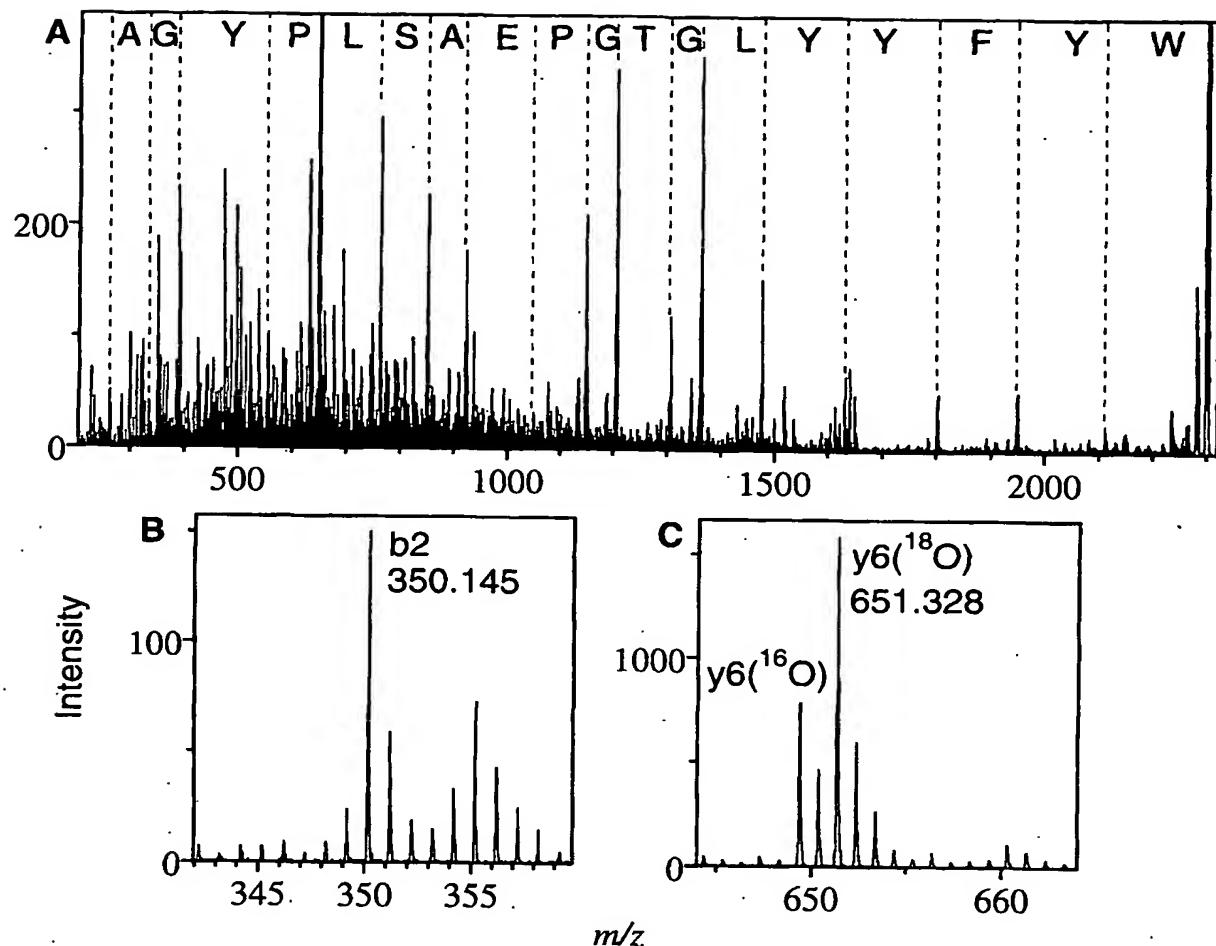


FIGURE 5

## Coronavirus Nucleocapsid Protein Homology

....	WYFYYLGTGPEASLPYGAN	....	SARS
....	WYFYYLGTGPHAKDQYGTD	....	Human
....	WYFYYLGTGPHAKDQYGTD	....	Bovine
....	WYFYYLGTGPHAKDQYGTD	....	Turkey
....	WYFYYLGTGPHAKHQYGTD	....	Porcine
....	WYFYYLGTGPHAKAQYGTN	....	Equine
....	WYFYYLGTGPHAGASYGDD	....	Murine
....	WYFYYLGTGPHAGASFGDS	....	Rat

FIGURE 6

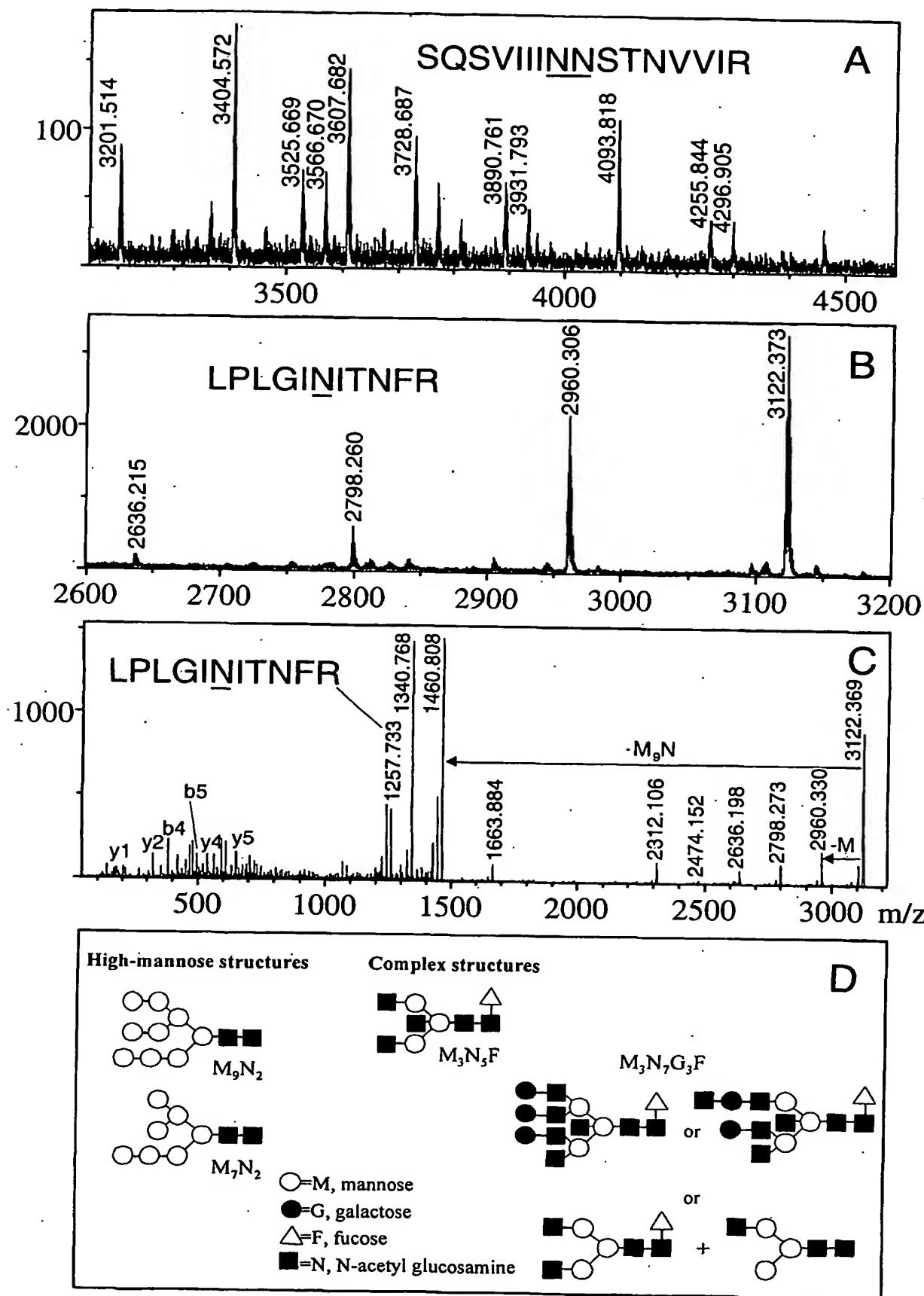


FIGURE 7

SUBSTITUTE SHEET (RULE 26)

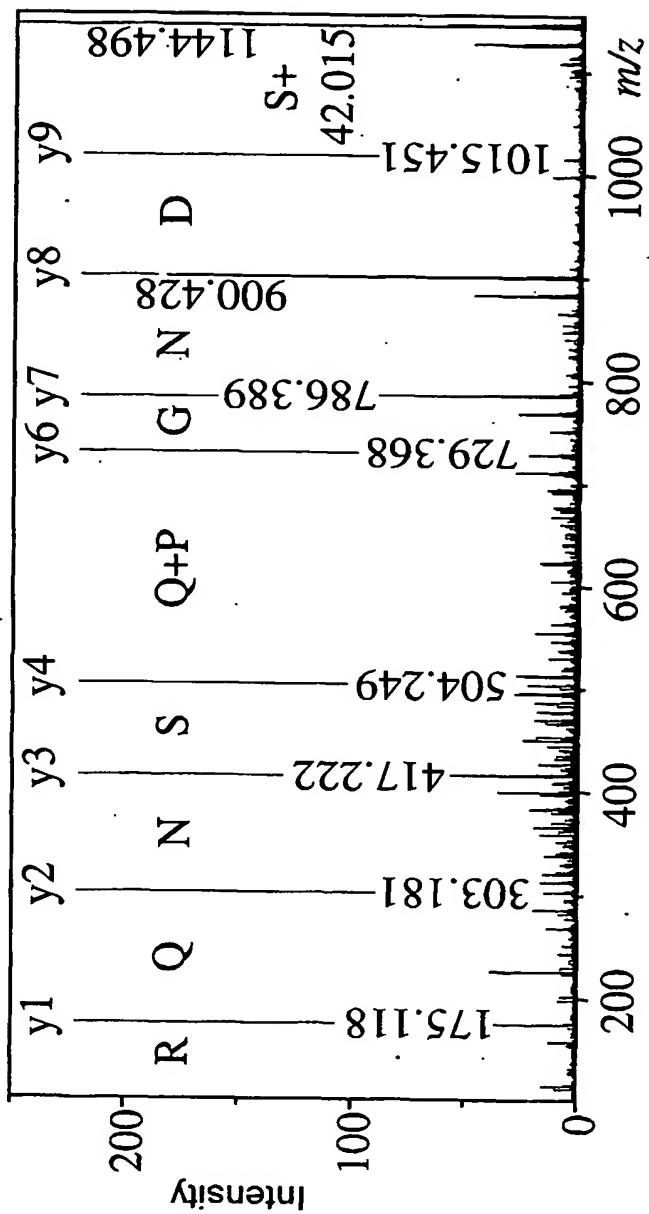


FIGURE 8

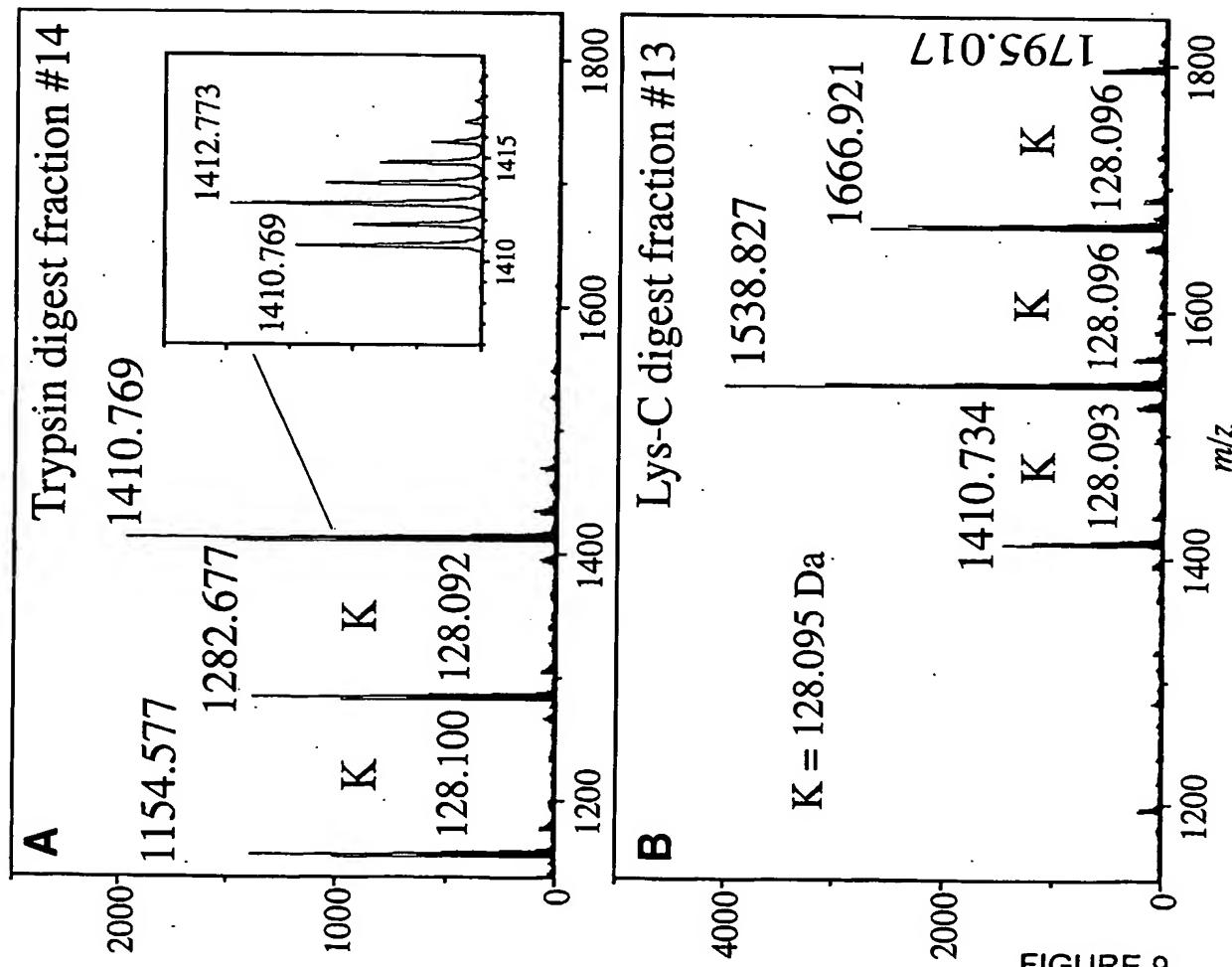


FIGURE 9

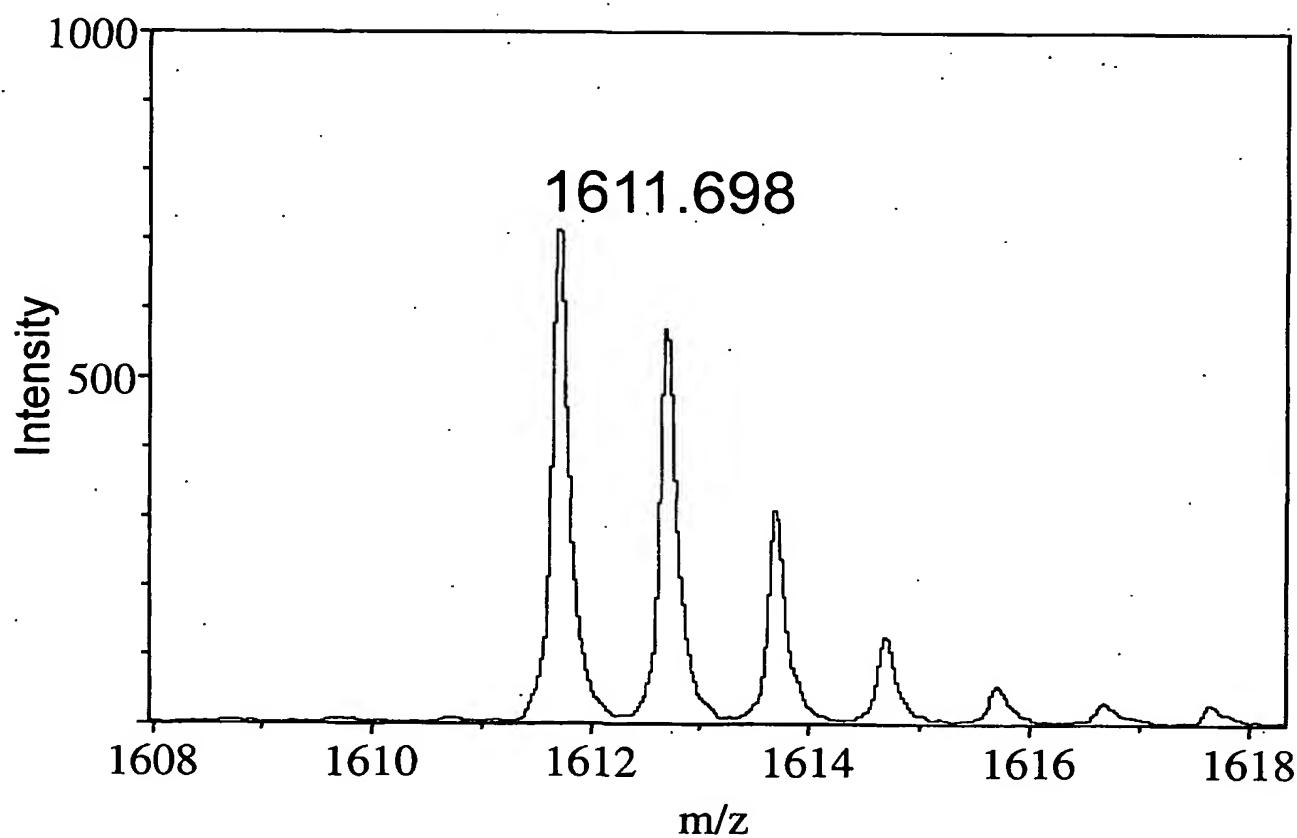


FIGURE 10

A

1 SDNGPQSNQR SAPRITFGGP TDSTDNNQNG GRNGARPKQR RPQGLPNNTA SWFTALTQHG  
 61 KEELRFPRGQ GVPINTNSGP DDQIGYYRRA TRRVGGDGK MKELSPRWWF YYLGTGPEAS  
 121 LPYGANKEGI VVWATEGALN TPKDHIGTRN PNNAATVLQ LPQGTTLPKG FYAEGSTGCS  
 181 QASSSSSSRS RGENERNSTPG SSGNSSPARM ASGGGETALA LLLLDRLNQL ESKVSGKQQ  
 241 QQGQTIVTKKS AAEASKKPRQ KRTATQYNN TQAFGRRGPE QTQGNFQGDQD LIROGTDYKH  
 301 WPQIAQFAPS ASAFFGMSRI GMEVTPSGTW LTYHGAIKLD DKDPQFKDNV ILLNKHIDAY  
 361 KTFPPTEPKK DKKKKTDEAQ PLPQRQKKQP TVTILLPAADM DDFSRQLQNS MSGASADSTQ  
 421 A

B

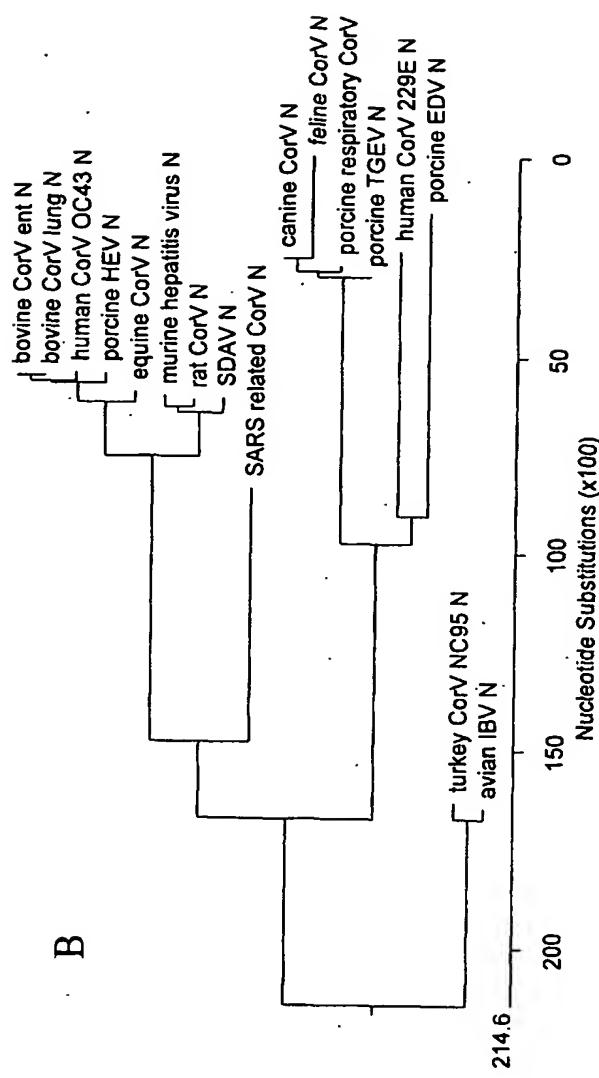


FIGURE 11

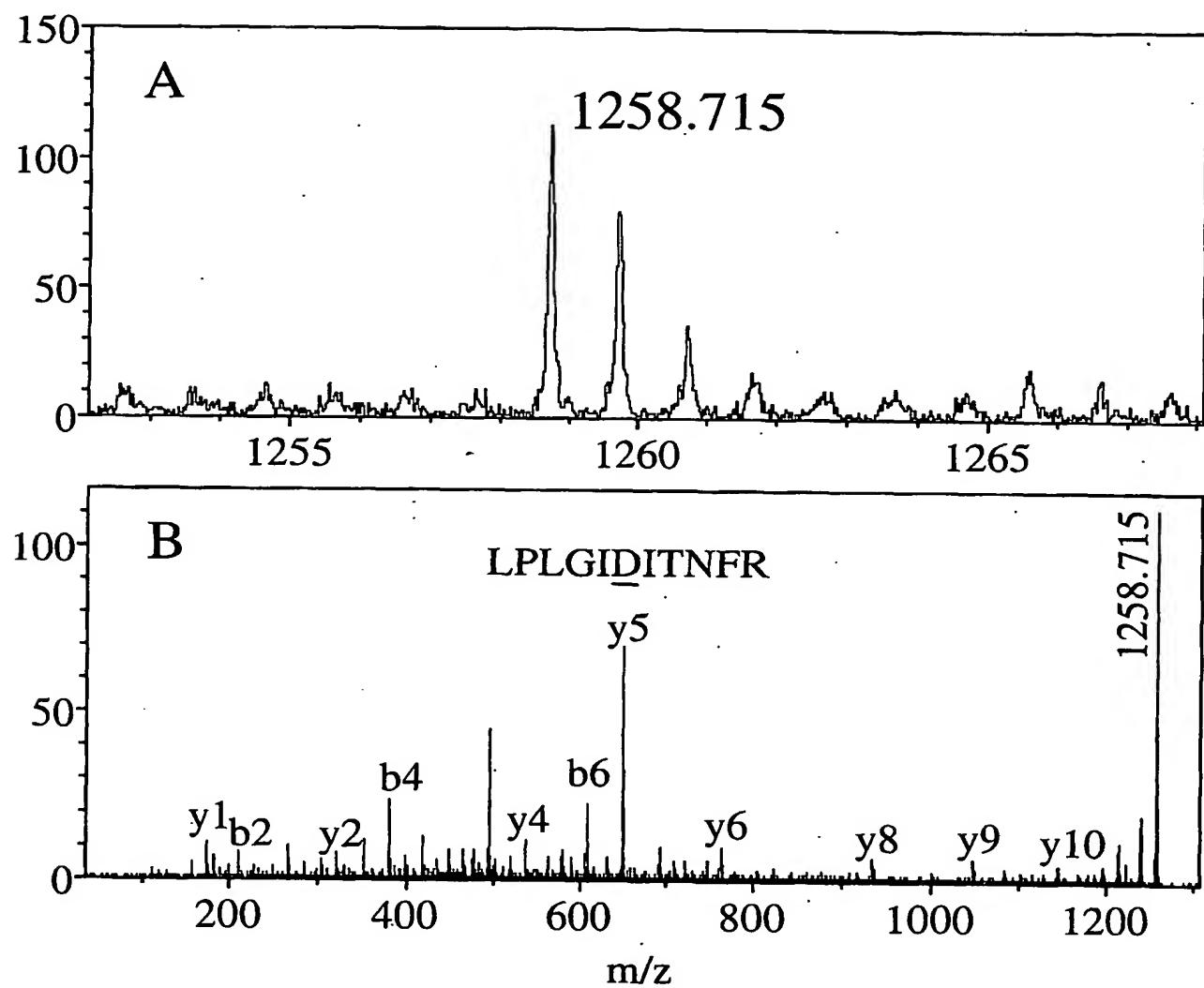


FIGURE 12